

**IN THE CLAIMS**

Claims 1-79 (Canceled).

<sup>1</sup>  
Claim ~~80~~. (Currently amended) An isolated nucleic acid molecule, the ~~complimentary~~ complementary sequence of which hybridizes fully, under highly stringent conditions (aqueous buffer, 65°C) to the nucleotide sequences set forth in SEQ ID NO: 15, wherein said nucleic acid molecule encodes a cancer associated antigen, wherein said cancer associated antigen is a protein which, when expressed by a human, elicits a humoral response by said human against said protein.

<sup>2</sup>  
Claim ~~81~~. (Previously presented) An isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 15.

<sup>3</sup>  
Claim ~~82~~. (Previously presented) An isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 8.

<sup>4</sup>  
Claim ~~83~~. (Previously presented) An isolated nucleic acid molecule comprising the nucleotide sequence of SEQ ID NO: 4.

<sup>5</sup>  
Claim ~~84~~. (Previously presented) An isolated nucleic acid molecule comprising a nucleotide sequence which encodes a protein comprising the amino acid sequence of SEQ ID NO: 16.

<sup>6</sup>  
Claim ~~85~~. (Previously presented) Expression vector comprising the isolated nucleic acid molecule of claim ~~80~~<sup>1</sup>, operably linked to a promoter.

<sup>7</sup>  
Claim ~~86~~. (Previously presented) Recombinant cell, transformed or transfected with the isolated nucleic acid molecule of claim ~~81~~<sup>2</sup>.

<sup>8</sup>  
Claim ~~87~~. (Previously presented) Recombinant cell, transformed or transfected with the isolated nucleic acid molecule of claim ~~80~~<sup>1</sup>.

Claim <sup>9</sup>~~88~~. (Previously presented) The recombinant cell of claim <sup>7</sup>~~86~~, wherein said recombinant cell is further transfected with a nucleic acid molecule encoding a cytokine, or an MHC molecule.

Claim <sup>10</sup>~~89~~. (Previously presented) The recombinant cell of claim <sup>8</sup>~~87~~, wherein said recombinant cell is further transfected with a nucleic acid molecule which encodes a cytokine, or an MHC molecule.

Claim <sup>11</sup>~~90~~. (Previously presented) The recombinant cell of claim <sup>9</sup>~~88~~, wherein said cytokine is an interleukin.

Claim <sup>12</sup>~~91~~. (Previously presented) The recombinant cell of claim <sup>10</sup>~~89~~, wherein said cytokine is an interleukin.

Claim <sup>13</sup>~~92~~. (Previously presented) The recombinant cell of claim <sup>11</sup>~~90~~, wherein said interleukin is IL-2, IL-4, or IL-12.

Claim <sup>14</sup>~~93~~. (Previously presented) The recombinant cell of claim <sup>12</sup>~~91~~, wherein said interleukin is IL-2, IL-4, or IL-12.

Claim <sup>15</sup>~~94~~. (Previously presented) The recombinant cell of claim <sup>7</sup>~~86~~, rendered non-proliferative.

Claim <sup>16</sup>~~95~~. (Previously presented) The recombinant cell of claim <sup>8</sup>~~87~~, rendered non-proliferative.

Claim <sup>17</sup>~~96~~. (Previously presented) The expression vector of claim <sup>6</sup>~~85~~, comprising a mutated or attenuated virus.

Claim <sup>18</sup>~~97~~. (Previously presented) The expression vector of claim <sup>17</sup>~~96~~, wherein said virus is vaccinia virus or adenovirus.